



U.S. Department
of Homeland Security
**United States
Coast Guard**

LOCAL NOTICE TO MARINERS

District: 11

Week: 11/11

SEND CORRESPONDENCE TO:
COMMANDER
DISTRICT ELEVEN (DPW)
COAST GUARD ISLAND BUILDING 50-2
ALAMEDA, CA 94501-5100

BROADCAST NOTICE TO MARINERS - Information concerning aids to navigation and waterway management promulgated by BNM 0166-11 to BNM 0191-11 has been incorporated in this notice if still significant.

SECTION I - SPECIAL NOTICES

This section contains information of special concern to the Mariner.

SUBMITTING INFORMATION FOR PUBLICATION IN THE LOCAL NOTICE TO MARINERS

A complete set of guidelines with examples and contact information can be found at <http://www.uscg.mil/D11/DP/LnmRequest.asp> or call BM1 John D. Hinson at 510-437-2980 or e-mail D11LNM@uscg.mil. Please provide all Local Notice to Mariners submissions 14 days prior to the start of operations.

BRIDGE INFORMATION-DISCREPANCIES AND CORRECTIONS

For bridge related issues during normal working hours Monday through Friday, contact the Coast Guard Eleventh District Bridge Section, Coast Guard Island, Building 50-2, Alameda, CA 94501-5100, telephone: 510-437-3516 Office; 510-219-4366 Cell. For emergencies or discrepancies during nights, weekends and holidays, immediately notify the nearest Coast Guard Sector Command via VHF-FM chan. 16 or via telephone: San Diego & Colorado River 619-295-3121, Los Angeles 310-521-3800, San Francisco 415-399-3547, Eureka 707-839-6113. Flotsam may accumulate on and near bridge piers and abutments. Mariners should approach all bridges with caution.

To REPORT A DELAY AT A DRAWBRIDGE A report form is included in the Enclosures section of this Local Notice to Mariners.

DGPS

For information regarding the DGPS system, or to report GPS, DGPS, or AIS problems, mariners are advised to contact: <http://www.navcen.uscg.gov>, email: nisws@navcen.uscg.gov, or the USCG Navigation Center at 703-313-5900.

ELECTRONIC NAVIGATION CHARTS

"RANGE STRUCTURES: The U.S. Coast Guard has become aware that Coast Guard information used to depict a range line on NOAA Electronic Navigational Charts (ENC) may not be of sufficient accuracy to accurately portray the range line on the ENC. Mariners are cautioned that the position of a range line as shown on an ENC may not reflect its true position."

LNM: 03/11

SOUTHERN CALIFORNIA-MARINE SAFETY INFORMATION BULLETIN

There has been a recent trend in traffic patterns where some vessel operators are choosing to depart the Traffic Separation Scheme (TSS) established in the Santa Barbara Channel and transit through an area to the south of San Miguel, Santa Rosa and Santa Cruz Islands (referenced herein as "south of the Channel Islands"). As such, the Los Angeles / Long Beach Harbor Safety Committee has published voluntary western traffic lanes for vessels approaching and departing the Ports of Los Angeles and Long Beach.

Mariners transiting through the western and northern approaches to and from the Ports of Los Angeles and Long Beach (LA/LB) are advised the established TSS through the Santa Barbara Channel as shown on NOAA and Admiralty charts is the only International Maritime Organization (IMO) approved routing measure in this area. An IMO approved TSS reduces the risk of collision by providing for the separation of arriving and departing traffic and minimizing potentially hazardous crossing situations. Mariners, who have traditionally used this approved TSS, are encouraged to continue to do so.

For additional information please see the Enclosures Section.

SECTION II - DISCREPANCIES

This section lists all reported and corrected discrepancies related to Aids to Navigation in this edition. A discrepancy is a change in the status of an aid to navigation that differs from what is published or charted.

DISCREPANCIES (FEDERAL AIDS)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
145	Point Fermin Lighted Whistle Buoy 6PF	LT EXT	18751	187-11	11/11	
198	NOAA Environmental Lighted Buoy 46054	LT EXT	18721	0843-10	48/10	
200	Point Conception Light	SS INOP	18721	0075-11-01	06/11	
220	Souza Rock Lighted Gong Buoy 14SR	REDUCED INT	18704	0163-11	10/11	
240	Morro Bay West Breakwater Light	SS INOP	18703	186-11	11/11	
355	Farallon Light	REDUCED INT	18645	0866-10	49/10	
445	NOAA Environmental Lighted Buoy 46014	MISSING	18600	0154-11	10/11	
1490	San Diego Bay Approach Lighted Buoy 3	REDUCED INT	18772	0164-11	10/11	
1571	Ballast Point Shoal Buoy	MISSING	18773	0157/11	10/11	
2585	San Nicolas Island East End Lighted Bell Buoy 3	REDUCED INT	18755	0130-11	09/11	
2615	Avalon Bay Light 1	REDUCED INT	18757	0112-11	08/11	
2835	Alamitos Bay West Jetty Light 1	SS INOP	18749	0191-11	11/11	
3118	Los Angeles Main Channel Lighted Buoy 10	REDUCED INT	18751		51/10	
3835	Morro Bay West Breakwater Light	SS INOP	18703	186-11	11/11	
3840	Morro Bay Approach Lighted Whistle Buoy MB	OFF STA	18703	0188-11	11/11	
4340	Raccoon Strait Lighted Buoy 1	REDUCED INT	18650	0131-11	09/11	
5240	Redwood Creek Light 13	TRLB/STRUCT DEST	18651	0713-09	44/09	
5265	Redwood Creek Light 21	TRLB/STRUCT DEST	18651	0686-09	44/09	
5685	Richmond Harbor Channel Light 4	TRLB/STRUCT DEST	18649	0671-09	42/09	
5925	San Pablo Bay Channel Light 12	LT EXT/STRUCT DMGD	18654	0542-10	33/10	
6105	Mare Island Strait Light 4	TRLB/STRUCT DEST	18655	0445-10	26/10	
6700	San Joaquin River Light 11	TRLB/DBN DEST	18660	0495-08	37/08	
6730	San Joaquin River Light 17	TRLB/STRUCT DEST	18660		47/10	
6920	Stockton Channel Light 3	TRLB/DBN DEST	18660	0576-08	43/08	
7105	Stockton Channel Range H Rear Light	LT EXT	18663	181-11-01	11/11	
7315	Sacramento River Deep Water Ship Channel Light 30	TRLB/STRUCT DEST	18661	0770-10	44/10	
8375	Crescent City Harbor Lighted Bell Buoy 6	OFF STA	18603	0190-11	11/11	
8380	Crescent City Harbor Lighted Buoy 7	OFF STA	18603	0190-11	11/11	
8388	Crescent City Harbor Light 11	STRUCT DMGD	18603	0190-11	11/11	

DISCREPANCIES (FEDERAL AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
7100	Stockton Channel Range H Front Light	WATCHING PROPERLY	18653	0181-11	11/11	11/11
7120	Stockton Channel Range J Front Light	WATCHING PROPERLY	18653	0183-11	11/11	11/11

7515	Sacramento River Deep Water Ship Channel Light 68	WATCHING PROPERLY	18662	0168-11	11/11	11/11
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DISCREPANCIES (PRIVATE AIDS)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
2215	Chula Vista Channel Light 13	TRLB/STRUCT DEST	18773	0056-11	05/11	
3009.1	Pier J Breakwater Front Range Light	LT EXT	18751		09/11	
3009.2	Pier J Breakwater Rear Range Light	LT EXT	18751		09/11	
3362	King Harbor Channel Buoy 7	OFF STA	18744	0178-11	11/11	
3420	Hyperion Lighted Gong Buoy 10 ES	LT EXT/SS INOP	18744		47/10	
4995	Brisbane Marina Light 4	LT EXT	18651	0826-10	47/10	
5005	Brisbane Marina Light 6	LT EXT	18651	0826-10	47/10	
5580	Corte Madera Channel Light 15	STRUCT DEST/LT EXT/DBN DEST	18649	0696-10	39/10	

DISCREPANCIES (PRIVATE AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
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None

PLATFORM DISCREPANCIES

Name	Status	Position	BNM Ref.	LNM St	LNM End
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None

PLATFORM DISCREPANCIES CORRECTED

Name	Status	Position	BNM Ref.	LNM St	LNM End
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None

SECTION III - TEMPORARY CHANGES and TEMPORARY CHANGES CORRECTED

This section contains temporary changes and corrections to Aids to Navigation for this edition. When charted aids are temporarily relocated for dredging, testing, evaluation, or marking an obstruction, a temporary correction shall be listed in Section IV giving the new position.

TEMPORARY CHANGES

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
1571	Ballast Point Shoal Buoy	DISCONTINUED FOR DREDGING	18773	0157-11	10/11	
3270	San Pedro West Channel Buoy 1	DISCONTINUED FOR DREDGING	18751	0808-10	46/10	
3275	San Pedro West Channel Lighted Buoy 3	DISCONTINUED FOR DREDGING	18751	0808-10	46/10	
8135	Humboldt Bay Lighted Bell Buoy 2	RELOCATED FOR DREDGING	18622	0072-11	06/11	
8195	Humboldt Bay Lighted Buoy 9	RELOCATED FOR DREDGING	18622	0072-11	06/11	

TEMPORARY CHANGES CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
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None

PLATFORM TEMPORARY CHANGES

Name	Status	Position	BNM Ref.	LNM St	LNM End
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None

PLATFORM TEMPORARY CHANGES CORRECTED

Name	Status	Position	BNM Ref.	LNM St	LNM End
None					

SECTION IV - CHART CORRECTIONS

This section contains corrections to federally and privately maintained Aids to Navigation, as well as NOS corrections.

This section contains corrective actions affecting chart(s). Corrections appear numerically by chart number, and pertain to that chart only. It is up to the mariner to decide which chart(s) are to be corrected. The following example explains individual elements of a typical chart correction.

Chart Number	Chart Edition	Edition Date	Last Local Notice to Mariners	Horizontal Datum Reference	Source of Correction	Current Local Notice to Mariners
12327	91st Ed.	19-APR-97	Last LNM: 26/97	NAD 83		27/97
Chart Title: NY-NJ-NEW YORK HARBOR - RARITAN RIVER						
Main Panel 2245 NEW YORK HARBOR					CGD01	
(Temp) ADD	NATIONAL DOCK CHANNEL BUOY 3				at 40-41-09.001N	074-02-48.001W
	Green can					
Corrective Action	Object of Corrective Action				Position	

(Temp) indicates that the chart correction action is temporary in nature. Courses and bearings are given in degrees clockwise from 000 true.

Bearings of light sectors are toward the light from seaward. The nominal range of lights is expressed in nautical miles (NM) unless otherwise noted.

18600 **15th Ed.** **01-MAR-11** **Last LNM: 11/11** **NAD 83** **11/11**

Chart Title: Trinidad Head to Cape Blanco

Main Panel 1800 TRINIDAD HEAD TO CAPE BLANCO . Page/Side: N/A

NEW EDITION Scale 1: 196,948; New edition (15 ed, 3/1/2011) due to numerous Notice to Mariner changes. This NOAA chart is now available in both the Print-on Demand and digital raster formats. See <http://nauticalcharts.noaa.gov/mcd/dole.htm> for details. The corresponding traditional paper chart will be available in two to eight weeks.

NOS

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18603 **17th Ed.** **01-MAR-11** **Last LNM: 44/08** **NAD 83** **11/11**

Chart Title: St. George Reef and Crescent City Harbor;Crescent City Harbor

Main Panel 1803 ST. GEORGE REEF AND CRESCENT CITY HARBOR. Page/Side: N/A

NEW EDITION Scale 1: 40,000; New edition (17 ed, 3/1/2011) due to numerous Notice to Mariner changes. This NOAA chart is now available in both the Print-on Demand and digital raster formats. See <http://nauticalcharts.noaa.gov/mcd/dole.htm> for details. The corresponding traditional paper chart will be available in two to eight weeks.

NOS

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18649 **67th Ed.** **01-DEC-09** **Last LNM: 24/09** **NAD 83** **11/11**

Chart Title: Entrance to San Francisco Bay

Main Panel 1823 SAN FRANCISCO ENTRANCE. Page/Side: N/A

DELETE Anchorage 8 Lighted Mooring Buoy, FI 4s.

CGD11

37-47-25.900N

122-20-35.300W

18650 **56th Ed.** **01-SEP-09** **Last LNM: 24/09** **NAD 83** **11/11**

Chart Title: San Francisco Bay Candlestick Point to Angel Island

Main Panel 1824 SAN FRANCISCO BAY CANDLESTICK POINT TO ANGEL ISLAND. Page/Side: N/A

DELETE Anchorage 8 Lighted Mooring Buoy, FI 4s.

CGD11

37-47-25.900N

122-20-35.300W

18652 **36th Ed.** **01-FEB-11** **Last LNM: 24/09** **NAD 83** **11/11**

Chart Title: San Francisco Bay to Antioch

CHART CA - SAN FRANCISCO BAY TO ANTIOCH. Page/Side: N/A

DELETE Anchorage 8 Lighted Mooring Buoy, FI 4s.

CGD11

37-47-25.900N

122-20-35.300W

ChartTitle: Del Mar Boat Basin

Main Panel 1912 DEL MAR BOAT BASIN CAMP JOSEPH H. PENDLETON . Page/Side: N/A

DELETE	AID Del Mar Boat Basin Buoy 3 (LLNR 2355) IS DISCONTINUED	CGD11 33-12-41.708N	117-24-18.008W
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ChartTitle: Gulf of Santa Catalina;Delmar Boat Basin-Camp Pendleton

Inset 1923 DELMAR BOAT BASIN CAMP PENDLETON. Page/Side: N/A

DELETE	AID Del Mar Boat Basin Buoy 3 (LLNR 2355) IS DISCONTINUED	CGD11 33-12-41.708N	117-24-18.008W
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Main Panel 1922 GULF OF SANTA CATALINA. Page/Side: N/A

DELETE	AID Del Mar Boat Basin Buoy 3 (LLNR 2355) IS DISCONTINUED	CGD11 33-12-41.708N	117-24-18.008W
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SECTION V - ADVANCE NOTICES

This section contains advance notice of approved projects, changes to aids to navigation, or upcoming temporary changes such as dredging, etc.
Mariners are advised to use caution while transiting these areas.

SUMMARY OF ADVANCED APPROVED PROJECTSApproved Project(s)

None

Project DateRef. LNMAdvance Notice(s)**NORTHERN CALIFORNIA-WAMS ANNOUNCEMENT-SAN FRANCISCO APPROACHES**

The Coast Guard is conducting a Waterways Analysis and Management System (WAMS) study of the Southern Approaches to San Francisco. The study focuses on the area's aids to navigation system, waterborne commerce, marine casualty information, port/harbor resources, emergency response plans, routing and emergency communication capabilities, and future development projects. Any interested company or individual wishing to provide comments or participate in a user survey should contact no later than March of 2011:

Commanding Officer
USCGC ASPEN (WLB-208)
Yerba Buena Island
San Francisco, CA 94130-5013
Attn: WAMS Officer
(415) 399-3590

LNM: 45/10

SECTION VI - PROPOSED CHANGES

Periodically, the Coast Guard evaluates its system of aids to navigation to determine whether the conditions for which the aids to navigation were established have changed. When changes occur, the feasibility of improving, relocating, replacing, or discontinuing aids are considered. This section contains notice(s) of non-approved, proposed projects open for comment. SPECIAL NOTE: Mariners are requested to respond in writing to the District office unless otherwise noted (see banner page for address).

PROPOSED WATERWAY PROJECTS OPEN FOR PUBLIC COMMENTProposed Project(s)

None

ClosingDocket No.Ref. LNMProposed Change Notice(s)**NORTHERN CALIFORNIA-POINT CONCEPTION**

The U.S. Coast Guard is proposing to discontinue the sound signal at Point Conception Light (LLNR-200). Direct any questions, comments, or feedback to LT Melissa Smith at 510-437-5984 or Melissa.A.Smith@uscg.mil by April 1, 2011.

Charts: 530 18020 18022 18700 18720 18721

LNM: 09/11

NORTHERN CALIFORNIA-POINT VICENTE

The U.S. Coast Guard is proposing to discontinue the sound signal at Point Vicente Light (LLNR-170). Direct any questions, comments, or feedback to LT Melissa Smith at 510-437-5984 or Melissa.A.Smith@uscg.mil by April 1, 2011.

Charts: 18020 18740 18746

LNM: 09/11

SECTION VII - GENERAL

This section contains information of general concern to the Mariners. Mariners are advised to use caution while transiting these areas.

ARIZONA-BRIDGE-COLORADO RIVER Updated 15 Mar 11

LOWER CIBOLA BRIDGE-HARTMINE ROAD, river mile 93.6 - A work platform presently attached to the underside of the bridge through Apr 2011 reduces vertical clearance by 8 inches. Two 30 foot work barges and one 20 foot work boat will be located at various locations along the bridge for bridge pier repair, during daylight hours, through 31 Mar 2011. Floating equipment will be secured to the bridge piers away from the main navigational channel span at night when not actually engaged in bridge repairs. Floating equipment will be lighted at night with red flashing lights. The navigational clearances for the main channel span are not affected.

LNM: 45/10

ARIZONA/CALIFORNIA-DGPS UNUSABLE

Unusable time is authorized for the following DGPS sites during the following times:

FLAGSTAFF, AZ

PRIMARY: 1600Z to 1800Z 22 Mar 11

ALTERNATE: 1600Z to 1800Z 23 Mar 11

LOMPOC, CA

PRIMARY: 1700Z to 2100Z 23 Mar 11

ALTERNATE: 1700Z to 2100Z 24 Mar 11

For more details or comment contact DGPS Watch at 703-313-5902/5816 or www.navcen.uscg.mil.

LNM: 11/11

NEVADA-CONSTRUCTION-LAKE MEAD

Vegas Tunnel Constructors will be constructing intake #3 on Lake Mead, NV. The construction will take place until 30 Jun 2011 from sunrise to sunset using explosives to blast the tunnel for the intake. There is a safety zone established for the duration of the event. The limits of the safety zone are 1300 foot radius around the construction vessels during transit and while blasting in approximate position: 36°05'23.67"N, 114°45'59.92"W Mariners are advised to use due caution when transiting the area. For more details or comments contact BG Kunz at 702-791-7740. See Enclosures section for SZ Flyer Lake Mead.

Chart 18687

LNM: 01/11

NORTHERN CALIFORNIA-BRIDGE-NAPA RIVER Updated 28 Jun 2010

LAWRENCE STREET RAILROAD BRIDGE-Construction on a new railroad bridge, immediately adjacent to the existing wine train bridge is in progress, in downtown Napa. A temporary bridge provides 11 feet of vertical clearance at Mean High Water and 30 feet of horizontal clearance between piers. All mariners are urged to use caution while transiting the area of construction. For more details or comments contact the Eleventh Coast Guard District Bridge Office at 510-437-3515.

Chart 18654

LNM: 20/10

NORTHERN CALIFORNIA-BRIDGE-SACRAMENTO RIVER

PAINTERSVILLE DRAWBRIDGE-The drawbridge is secured in the closed-to-navigation position due to mechanical failure. Estimated time of repair is unknown. The bridge provides 24 feet of vertical clearance, at mean high water, when closed. Vessels that can safely transit the bridge, while in the closed-to-navigation position, may continue to do so at any time. For further information mariners can contact the Coast Guard Bridge Office at (510) 437-3515.

Chart 18662

LNM: 11/11

NORTHERN CALIFORNIA-BRIDGE-SACRAMENTO RIVER-Updated 02 Mar 11

PIONEER HIGHWAY BRIDGE - Scaffolding suspended below low steel, through 31 Mar 11, reduces vertical clearance for navigation by approximately 9 ft, and is lighted at night with red lights. Scaffolding will be located in only one span at a time. For more details or comments contact Caltrans at 510-719-6090 or 510-715-8759.

Chart 18662

LNM: 48/08

NORTHERN CALIFORNIA-BRIDGE-SACRAMENTO RIVER-Updated 14 Mar 2011

TOWER DRAWBRIDGE-The drawspan will be secured in the closed-to-navigation position from 1000U to 1130U on 26 Mar 2011 in support of a community event. The bridge provides 30 feet vertical clearance above Mean High Water when closed. Vessels that can safely pass through the closed drawspan may continue to do so at any time. In the event of an emergency the drawspan can open with 15 minutes advance notice. For further information mariners can contact the Coast Guard Bridge Office at 510-437-3515.

Chart 18662

LNM: 07/11

NORTHERN CALIFORNIA-BRIDGE-SAN FRANCISCO BAY-Updated 15 Mar 11

DUMBARTON HIGHWAY BRIDGE RETROFIT-Caltrans' contractor will be installing falsework and platforms on the following piers on the following dates and times. Second pier west of the main ship channel span through 18 Mar 2011. First pier west of the main ship channel 28 Mar through 01 Apr 2011. The main navigation channel span remains unaffected. Work hours are Monday through Thursday from 2200U to 0500U and Fridays from 2300U to 0800U. During installation a crane on the bridge deck will be used to lower the platform over the side and into place, temporarily obstructing navigational clearances in the above mentioned span. No in-water equipment is planned during the installation. For conditions at the bridge mariners can contact the contractor, Shimmick at Dumbarton Bridge Retrofit, on marine radio VHF-FM Ch 14/16 or contact Ben Gordon 510-760-0152. For further information, contact the Coast Guard Bridge Office at 510-437-3515.

Chart 18651

LNM: 05/11

NORTHERN CALIFORNIA-BRIDGE-SAN FRANCISCO BAY-Updated 26 Apr 10

SAN FRANCISCO-OAKLAND BAY BRIDGE REPLACEMENT-EAST OF YERBA BUENA ISLAND (YBI)-Mariners are advised to avoid the construction area by using the main navigational channel west of YBI or the alternate channel, piers I-J (existing bridge) and piers E-3 E-4 (new bridge), east of the construction site. Clearances for alternate channel are: 442 feet of horizontal clearance and 112 feet of vertical clearance at Mean High Water. Mariners transiting the area should proceed with caution to avoid creating unstable conditions for on-site workers. Temporary falsework is now in place and is lit at night with quick flashing red lights. See the Enclosure Section of this Local Notice to Mariners for the Alternate Channel Marking and falsework diagram. Mariners may contact American Bridge/Fluor VHF-FM Chan. 73, or by telephone at 510-759-1325 (American Bridge/Fluor), to determine conditions at the bridge. The green center span lights have been temporarily extinguished in the three spans east of the main channel span. A large crane barge and material barges are anchored approximately 350 feet ENE of the YBI shoreline. Anchor lines extend approximately 1500 ft north and south of the barges, anchor buoys are lighted at night with quick flashing white lights. A crane barge and associated material barges are anchored approximately 600 feet ENE of the YBI shoreline to assist in the construction of the overall bridge. Anchor lines extend approximately 800 feet north and south of the barges, anchor buoys are lighted at night with quick flashing white lights. Barges are lighted at night with steady burning red lights. See the Enclosure Section of this Local Notice to Mariners for the Barge Anchor Diagrams. For more details or comments contact the Eleventh Coast Guard District Bridge Office at 510-437-3461.

Chart 18650

LNM: 50/05

NORTHERN CALIFORNIA-DREDGING-HUMBOLDT HARBOR AND BAY

The Corps of Engineers will be conducting continuous dredging operations from 18 Mar 11 through 12 May 11. H/D ESSAYONS will be performing annual maintenance dredging on the Bar, Entrance and Middle Ground Channels. The YAQUINA will be working the Bar and Entrance and Interior Channels, which include North Bay, Somoa, Eureka, and Fields Landing. All vessels will monitor VHF-FM Chan. 16. Disposal will be at the designated offshore Humboldt Open Ocean Disposal Site (HOODS). Mariners are advised to use caution when transiting the area. For more details or comments contact the ESSAYONS Master at 703-709-8459 or 503-804-5546 or the YAQUINA's Master at 541-974-7596 or 541-974-4418.

Chart 18622

LNM: 11/11

NORTHERN CALIFORNIA-DREDGING-OAKLAND

Manson Construction Co. will be conducting continuous maintenance dredging operations in the Bar Channel and Oakland Inner and Outer Harbor Entrance Channels until 31 Mar 11. Work consists of Maintenance Dredging in the Navigation channel. The derrick barge NJORD and 2 scows will be on site. Mariners are requested to use caution when transiting the area. The vessels will monitor VHF-FM Chan. 14, 16 and 66. For more details or comments contact Mr. Bob Richardson at 510-232-6319.

Chart 18650

LNM: 45/10

NORTHERN CALIFORNIA-MARINE EVENT-SAN FRANCISCO BAY

Water World Swim will sponsor a swimming event involving 20 participants swimming from Alcatraz Island to St Francis Yacht Club in San Francisco Bay from 0715 to 0815 on 26 Mar 11. All mariners are advised to exercise caution when transiting this area. For more details or comments contact MST1 J. Clark at 415-399-7440.

Chart 18650

LNM: 11/11

NORTHERN CALIFORNIA-MARINE EVENT-SAN FRANCISCO BAY

South End Rowing Club will sponsor a swimming event involving 35 participants swimming from Point Bonita to Aquatic Park in San Francisco Bay from 0800 to 1030 on 19 Mar 11. All mariners are advised to exercise caution when transiting this area. For more details or comments contact MST1 J. Clark at 415-399-7440.

Chart 18649

LNM: 10/11

NORTHERN CALIFORNIA-MARINE EVENT-SAN FRANCISCO BAY

Island Yacht Club will sponsor an offshore racing event involving 60 participants sailing from Golden Gate Yacht Club near Stone Tower to the San Francisco Approach Buoy (LLNR-360) then returning to Golden Gate Yacht Club from 0900 to 1900 on 26 Mar 11. All mariners are advised to exercise caution when transiting this area. For more details or comments contact MST1 J. Clark at 415-399-7440.

Chart 18649

LNM: 11/11

NORTHERN CALIFORNIA-RESEARCH BUOY-SAN FRANCISCO TO POINT ARENA

Scripps Institute of Oceanography has placed a Waverider buoy in position 37-45.157N, 122-49.998W, 15 nm southwest of Point Bonita Light. The buoy is a standard yellow Scripps Waverider buoy showing a FI (5) Y 20s light marked WAVE BUOY with phone number 858-534-3032. For more details or comments contact Julie Thomas at 858-534-3032.

Chart 18640

LNM: 07/11

NORTHERN CALIFORNIA-RESEARCH BUOYS-MONTEREY BAY Updated 08 Mar 11

Kennetic Laboratories, Inc. has established two research buoys until 15 Apr 11 in positions:

36-53.583N 121-55.343W

36-42.640N 121-54.661W

The buoys are 4ft white cans with 2 horizontal orange stripes with a orange diamond in the middle with a flashing white light every 15 seconds. For more details or comments contact Gregg Cotten at 831-457-3950 or 831-239-6192.

Chart 18685

LNM: 08/11

NORTHERN CALIFORNIA-SALINITY CONTROL STRUCTURE-MONTEZUMA SLOUGH

The Department of Water Resources plans to operate the control structure until 31 May 11, in position 38-05-36N 121-53-07W. The boat lock has a standard traffic light. Whistle signals to request opening are two prolonged blasts followed by two short. The operator will monitor VHF-FM Chan. 13 and a emergency phone number is posted onsite. The boat lock is located on the east side of the channel and provides the following

NORTHERN CALIFORNIA-SALINITY CONTROL STRUCTURE-MONTEZUMA SLOUGH

clearances; 16 ft horizontally; 9 ft over the sill at MLLW; 70 ft in length between sector gates; and no vertical impairment. The piers are marked by fixed red lights and parts of the structure by fixed yellow lights. Mariners should be aware of a shoal area along the east bank on both sides of the structure extending 50 ft out from the levee. Mariners are advised to transit the area with caution. For more details or comments contact John Moe at 209-833-2082 or Rhett Cotter at 209-833-2077.

Chart 18652

LNM: 42/10

SOUTHERN CALIFORNIA-BRIDGE-CERRITOS CHANNEL/LOS ANGELES

LONG BEACH HARBOR COMMODORE HEIM DRAWBRIDGE - The drawbridge will be secured in the closed-to-navigation position from 0700-1900 on 26 Mar 2011, to perform critical repair and replacement of electrical components for drawspan operation. The drawbridge provides approximately 37 feet of vertical clearance above Mean High Water when closed.

Chart 18749

LNM: 09/11

SOUTHERN CALIFORNIA-BRIDGE-NAVY ESTUARY-SAN DIEGO BAY

Caltrans will be conducting dive operations on the North Harbor Dr. Navy Estuary Bridge, during daylight hours, on 16 Mar 2011.

The dive vessel is an 8' by 24' aluminum "jon" boat, rear console, outboard. Diver's umbilical hose may be floating on the surface adjacent to the vessel.

All vessels are requested to contact the vessel, Caltrans Scow, on VHF-FM CH 16/14/09 or by cell 916-708-7210, approximately 30 minutes before transiting the bridge dive sites. All vessels are requested to use extreme caution while transiting the dive site.

For further information, mariners can contact the Coast Guard Bridge Office at 510 437-3515.

Chart 18773

LNM: 07/11

SOUTHERN CALIFORNIA-BRIDGE-VARIOUS WATERWAYS-LOS ANGELES AND ORANGE COUNTIES-Updated 14 Mar 2011

Caltrans will be conducting dive operations, during daylight hours, on the following bridges:

17-18 Mar 2011

Pacific Coast Highway Bridge, Anaheim Bay

22 Mar 2011

Vincent Thomas Bridge, Los Angeles/Long Beach Harbor

Schuyler Heim Drawbridge, Cerritos Channel, LA/LB Harbor

19-20 Apr 2011

West Shoreline Dr, Los Angeles River

Queensway Dr, Los Angeles River

The dive vessel is an 8' by 24' aluminum "jon" boat, rear console, outboard. Diver's umbilical hose may be floating on the surface adjacent to the vessel.

All vessels are requested to contact the vessel, Caltrans Scow, on VHF-FM CH 16/14/09 or by cell 916-708-7210, approximately 30 minutes before transiting the bridge dive sites. All vessels are requested to use extreme caution while transiting the dive sites.

For further information, mariners can contact the Coast Guard Bridge Office at 510 437-3515.

Chart 18746

LNM: 09/11

SOUTHERN CALIFORNIA-CONSTRUCTION-SAN DIEGO BAY

Continental Maritime will commence Pile Driving, and pier stabilization until 01 Apr 11 in position: 32-41-41N 117-08-57W. Tug CONSTRUCTOR 1 and HARBOR COMMANDER will monitor VHF-FM Chan. 13 and 16. Mariners are advised to transit the area with caution. For more details or comments contact Robert Montreuil at 619-234-8851.

Chart 18773

LNM: 39/10

SOUTHERN CALIFORNIA-DREDGING-OCEANSIDE HARBOR

Manson Construction Co. will commence dredging the Oceanside Harbor until 31 Mar 11. Dredging operations will be 24 hours a day. Hydraulic Dredge H.R. MORRIS, D/B FREYA, Dredge Tender PUP, Dredge Tender CUB, and Survey Boat Renegade will be on scene and will monitor VHF-FM 16 and 67. For more details or comments contact Frank Bechtolt at 562-762-5367.

Chart 18774

LNM: 08/11

SOUTHERN CALIFORNIA-DREDGING-SANTA BARBARA

AIS Construction Company will begin dredging operations in Santa Barbara Harbor until 15 Apr 11. The cutterhead dredge LA ENCINA will be working at various points of the main channel in Santa Barbara Harbor. The dredge will be connected to a floating pipeline which may be up to 1000 ft long. A high voltage power cable connects the dredge to the shore and mariners are cautioned to avoid anchoring in the vicinity. Operations may be conducted 24 hrs per day. The dredge will work in the area of Stearns Wharf, the Jetty, West Beach, and Marina 1. Dredge LA ENCINA and anchor boat KATHLEEN will monitor VHF-FM Ch 6 and 16. Mariners are urged to transit at their slowest safe speed to minimize wake, and proceed with caution after passing arrangements have been made. For more details or comments contact Gary Foster at 805-331-2995.

Chart 18725

LNM: 08/11

SOUTHERN CALIFORNIA-DREDGING/CONSTRUCTION-NEWPORT BAY

Pacific Constructors Inc. will perform dredging and demolition operations until 31 Mar 11 in position: 33-36-08N 117-53-00W at the U.S. Coast Guard Station in Corona Del Mar. D/B MR. BECK and tug BREE TESSA will monitor VHF-FM Chan. 9, 10 and 16. Mariners are requested to minimize their wake and transit the area with caution. For more details or comments contact Cam Boyd at 805-235-5964.

Chart 18746

LNM: 22/10

SOUTHERN CALIFORNIA-DREDGING/CONSTRUCTION-PORT OF LOS ANGELES Updated 15 Mar 11

Manson Construction Co. is conducting construction and dredging operations until 31 Dec 13 in the construction zone from the northwest slip to Cabrillo Shallow Water Habitat. D/B VULCAN and tug JEFFREY will monitor VHF-FM Chan 16, 66 and 67. D/B LOS ANGELES and tug DURANGO will continue rock placement on the submerged QR dike at the Northwest slip and will monitor VHF-FM Chan. 16 and 79A. Mariners are advised to use caution when transiting the area. For details or comments contact Brad Hunter at 562-762-5241 or Ron Allard at 562-577-0814. See Enclosures Section for 03 15 2011 construction zones.pdf.

Chart 18751

LNM: 44/10

SOUTHERN CALIFORNIA-GPS TESTING-RANCHO BERNARDO,CA

The GPS navigation signal may be unreliable until 02 Apr 12 due to interference testing on GPS frequencies used in shipboard navigation and handheld systems. Electronic systems that rely on GPS, such as E-911, AIS, and DSC, may be affected within a 34 nm radius of position 33-01-04N, 117-05-45W. During this period, GPS users are encouraged to report any service outages by calling 703-313-5900 or by using the GPS Report a Problem Worksheet at www.navcen.uscg.gov.

LNM: 23/10

SOUTHERN CALIFORNIA-HAZARDOUS OPERATIONS

The U.S. Navy will conduct continuous operations until 31 Mar 11, in an area bounded by the following coordinates:

32-33-00N 118-25-00W

32-35-00N 118-16-00W

32-35-00N 117-40-00W

31-55-00N 117-40-00W

31-55-00N 118-25-00W

32-33-00N 118-25-00W

Thence to the point of origin.

Mariners are advised to avoid this area and use due caution when transiting outside of this area. For more details or comments contact Darrel Rumsey at 619-545-1757.

Chart 18740

LNM: 09/11

SOUTHERN CALIFORNIA-MILITARY OPERATIONS-OCEANSIDE Updated 04 Jan 11

The U.S. Marine Corps will conduct testing of the Expeditionary Fighting Vehicle (EFV) through 01 Jul 11 from Camp Pendleton and Oceanside Harbor up to 25 miles offshore in an area bounded by the following coordinates:

33-14-51N 117-25-33W

32-56-53N 117-46-21W

33-06-53N 117-58-01W

33-24-49N 117-34-08W

The EFV is a prototype vehicle capable of 30 knot speeds with maneuverability limitations and a substantial wake. There may be as many as four EFV's testing at the same time with several support vessels. There maybe times when spot lights and or strobe lights will be visible in the test area. All mariners are requested to use extreme caution when transiting the area. The water safety Officer and all support vessels will monitor VHF-FM Chan. 81A. For more details or comments contact the Operations Officer at 760-763-4428.

Chart 18774

LNM: 36/10

SOUTHERN CALIFORNIA-NAVAL TRAINING EXERCISE-SAN DIEGO

The U.S. Navy will conduct continuous training until 22 Apr 11 in the following areas located between 700 yds and 7000 yds east of San Diego Lighted Buoy 8. Subsurface training aids will be greater than 10 feet from the surface.

Location 1

32-40-14N 117-12-41W

32-40-14N 117-11-48W

32-41-13N 117-11-49W

32-41-12N 117-12-41W

Location 2

32-40-01N 117-11-36W

32-39-49N 117-11-20W

32-40-32N 117-10-33W

32-40-45N 117-10-49W

Location 3

32-37-57N 117-08-33W

32-37-42N 117-09-12W

32-37-26N 117-09-04W

32-37-40N 117-09-27W

Location 4

32-38-31N 117-12-28W

32-38-24N 117-12-47W

32-38-55N 117-13-08W

SOUTHERN CALIFORNIA-NAVAL TRAINING EXERCISE-SAN DIEGO

32-39-02N 117-12-48W

Location 5

32-38-04N 117-12-02W

32-37-17N 117-11-18W

32-36-50N 117-11-58W

32-37-36N 117-12-43W

Mariners are advised to use caution when transiting the area. For more details or comments contact Brayden Duryee at 619-206-7026.

Chart 18772

LNM: 42/10

SOUTHERN CALIFORNIA-OBSTRUCTION-MISSION BAY AND ZUNIGA JETTY Updated 09 Mar 11

There is a submerged sailing vessel causing obstructions to navigation. S/V ALLOUTTE in position 32-40.0N 117-13.0W 500 yards east of Zuniga Jetty. Mariners are advised to use caution while transiting the area. For more details or comments contact U.S. Coast Guard Sector San Diego at 619-278-7033.

Chart 18765

LNM: 52/10

SOUTHERN CALIFORNIA-PIER CONSTRUCTION-SANTA ROSA ISLAND

John S. Meek Company, Inc. will be constructing a new pier until 31 Jul 11 in place of the demolished pier in position 34-00-29N 120-02-46W. Mariners are advised to transit the area with caution. For more details or comments contact Jeremiah Jilk at 310-505-7515.

Chart 18720

LNM: 39/10

SECTION VIII - LIGHT LIST CORRECTIONS

An Asterisk *, indicates the column in which a correction has been made to new information

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
2350	<i>Del Mar Boat Basin Buoy 2</i>	33-12-35.529N 117-24-13.142W	Fl R 2.5s		3	Red nun.	11/11
	*		*		*		
2355	<i>Del Mar Boat Basin Buoy 3</i>						Remove from list. 11/11
						*	
2365	<i>Del Mar Boat Basin Buoy 5</i>	33-12-46.976N 117-24-17.850W	Fl G 2.5s		4	Green can.	11/11
	*		*		*		
4160	<i>San Francisco Main Ship Channel Lighted Bell Buoy 1</i>	37-46-11.157N 122-37-55.637W	Iso G 6s VSU-29 GPS INSTALLED SO BUOYS 4160 AND 4165 FLASH TOGETHER.		5	Green.	Aid is synchronized to flash with buoy 2. 11/11
			*				*
4165	<i>San Francisco Main Ship Channel Lighted Whistle Buoy 2</i>	37-45-48.008N 122-37-44.496W	Iso R 6s		5	Red.	Aid is synchronized to flash with buoy 1. 11/11
							*
4670	<i>Anchorage 8 Lighted Mooring Buoy</i>						Remove from list. 11/11
						*	

PUBLICATION CORRECTIONS**COAST PILOT 7-Updates**

See Enclosures for updates.

LNM: 11/11

ENCLOSURES**COAST PILOT 7-Updates**

[CP7-1107.pdf](#)

See link above.

LNM: 11/11

SOUTHERN CALIFORNIA-MARINE SAFETY INFORMATION BULLETIN

[MSIB Voluntary Traffic Lane 11-09.pdf](#)

See link above.

LNM: 09/10

SOUTHERN CALIFORNIA-DREDGING/CONSTRUCTION-PORT OF LOS ANGELES

[03 15 2011 LNTM.pdf](#)

See link above.

LNM: 44/10

NORTHERN CALIFORNIA-BRIDGE-SAN FRANCISCO/OAKLAND BAY BRIDGE REPLACEMENT Updated 29 Dec 2009

[042210BargeDiagram.pdf](#) [04222010_AlternateChannel.pdf](#) [2009_Falsework.pdf](#)

See link above to view anchor diagram for work area, alternate channel marking diagram and falsework lighting.

LNM: 43/08

NEVADA-CONSTRUCTION-LAKE MEAD

[SZ Flyer Lake Mead \(2\).pdf](#)

See link above.

LNM: 01/11

REPORT OF DELAY AT DRAWBRIDGE

[DelayRept0207.pdf](#)

Use link above to Report a Delay at a Drawbridge.

LNM: 06/07

THE LOCAL NOTICE TO MARINERS IS AVAILABLE ON THE WORLD WIDE WEB AT WWW.NAVCEN.USCG.GOV/.

D. K. Steadman, LCDR
U.S. Coast Guard
Chief, Waterways Management Branch

Coast Pilot 7 43rd Ed 2011

Corrections

Page 108-Paragraph 1367, line 1; read:

46°00'51.32"N., 122°51'45.44"W.; thence continuing west-northwesterly to

46°01'24.38"N., 122°52'21.20"W.; thence continuing ...

(FR 6/25/10)

Page 457-Paragraph 50, line 11, read:

97103; telephone 503-325-2641; Fax 503-325-5630; email pilotast@pacifier.com

(CL 230/11)

Page 457-Paragraph 51, lines 5-7; read:

advance by telephone, fax, or email to the pilot office in Astoria. The Columbia River Bar Pilots ...

(CL 230/11)

Page 458-Paragraph 57, lines 4-5; read:

VHF channel 9, 13, or 16 at least two hours before their ETA. The call sign for the Bar Pilot office is ...

(CL 230/11)

Page 458-Paragraph 59, read:

1. After initial contact, the arriving vessel shall call in to the Columbia River Bar Pilots on VHF channel 9 when 15 miles from the CR buoy.

(CL 230/11)

Page 458-Paragraph 64 through Paragraph 66, read:

3. **At night**, the vessel should be illuminated with all available deck lighting, but not in such a way as to blind the helicopter crew. Deck lights must remain ON until the helicopter has departed the area.

4. Assisting crewman should wear eye protective goggles.

5. Camera flashlight equipment must not be used as it will interfere with the helicopter crew's night vision.

6. If requested by helicopter-pilot, switch ship's radar to "stand-by".

7. **DO NOT CHANGE COURSE OR SPEED** unless instructed by helicopter.

8. If conditions are rough, a trail/tag line may be used:

a. The vessel crew tending the trail line must ensure that the line is not tied to the vessel and does not become fouled with the vessel.

b. The vessel crew tending the trail line shall use it to guide the Marine Pilot to the intended hoist area using only enough force to stabilize and keep the Pilot from swinging into hazards.

c. The trail line, when used, must **NOT** be fastened to the vessel.

(CL 230/11)

Page 458-Paragraph 67 through Paragraph 73: Delete.

(CL 230/11)

Page 459-Paragraph 76, line 8; read:

used, speed of the vessel should be approximately 10 to 12 knots and ...

(CL 230/11)

Page 459-Paragraph 76, lines 15-16; read:

well lighted at night. When regulations require a combination ladder, it must be rigged 5 to 7 meters above the water. Manropes are required on outbound vessels.

(CL 230/11)

Page 572-Paragraph 365, lines 7-8; read: this point is about 450 feet high.

(03/94 CG13; 49/97 CG13; NOS 18474)

Page 572-Paragraph 367, lines 6-8; read:

the W around the N end of the breakwater. Lights mark the N end of the SW corner of the ...

(H 11826; DD 17960)



U. S. Coast Guard Sector Los Angeles – Long Beach

MARINE SAFETY INFORMATION BULLETIN 11-09

Los Angeles / Long Beach Harbor Safety Committee Voluntary Western Traffic Lanes

There has been a recent trend in traffic patterns where some vessel operators are choosing to depart the Traffic Separation Scheme (TSS) established in the Santa Barbara Channel and transit through an area to the south of San Miguel, Santa Rosa and Santa Cruz Islands (referenced herein as “south of the Channel Islands”). As such, the Los Angeles / Long Beach Harbor Safety Committee has published voluntary western traffic lanes for vessels approaching and departing the Ports of Los Angeles and Long Beach.

Mariners transiting through the western and northern approaches to and from the Ports of Los Angeles and Long Beach (LA/LB) are advised the established TSS through the Santa Barbara Channel as shown on NOAA and Admiralty charts is the only International Maritime Organization (IMO) approved routing measure in this area. An IMO approved TSS reduces the risk of collision by providing for the separation of arriving and departing traffic and minimizing potentially hazardous crossing situations. Mariners, who have traditionally used this approved TSS, are encouraged to continue to do so.

Voluntary Western Traffic Lanes

To address the safety concerns created by increased traffic south of the Channel Islands, on October 6, 2009, the Los Angeles/Long Beach Harbor Safety Committee (LA/LB HSC) endorsed voluntary traffic lanes in the area south of the Channel Islands (referenced herein as “voluntary western traffic lanes.”). The LA/LB HSC developed these lanes as a voluntary measure to promote vessel safety.

The voluntary western traffic lanes were not developed using processes established under U.S. federal law or by the IMO. As such, these lanes have not been reviewed nor approved by any U.S. federal authority, including the U.S. Coast Guard, or the IMO. The Coast Guard is taking separate action to study the increased traffic in this area, which will include an opportunity for the public to comment.

The geographical coordinates for the voluntary western traffic lanes are published by the LA/LB HSC secretary at <http://www.mxsocal.org/Blogs/24/Voluntary-Routing-Zones.aspx>

Since the new voluntary western traffic lanes are not an IMO approved traffic separation scheme, the International Regulations for Avoiding Collisions at Sea (COLREGS) Rule 10 does not apply.

Mariners should exercise due caution when choosing to operate south of the Channel Islands and within the voluntary western traffic lanes.

Pacific Missile Test Range, Point Mugu

Departing the IMO approved TSS and transiting south of the Channel Islands may result in delays and diversions, as this transit will take vessels through the Pacific Missile Test Range, Point Mugu, California. **The U.S. Navy advises that hazardous operations may take place within the test range.** The test range extends for 180 miles in a South West direction from Point Mugu and is up to 210 miles wide. The specific hazardous areas within the range are broadcast by the Navy daily Monday through Friday at 0900 and 1200 on 2638 kHz and 2738 kHz. When notified by the Navy, the Coast Guard also broadcasts this information on VHF-FM channel 16.

When transiting south of the Channel Islands (inbound or outbound to the Ports of Los Angeles and Long Beach), all mariners should communicate with Navy PLEAD CONTROL in a timely manner so that early decisions can be made regarding safe routing. Every effort should be made to comply fully with any instructions received from the Navy. For information regarding the status of current hazardous operations contact “PLEAD CONTROL” on VHF Marine channel 11 or 16, or at (805) 989-8841/8843 from 0600-1800, and at (805) 816-0792 after 1800. If you are unable to contact “PLEAD CONTROL”, contact “SAN PEDRO TRAFFIC” on VHF-FM channel 14 or (310) 832 6411 for the most recent information regarding hazardous military operations.

The Navy requests all vessels transiting the range to submit a notification to PLEAD CONTROL indicating the vessel name, destination, and estimated time of entry into, and departure from, the test range. Notifications can be faxed to (805) 989-0102.

Whales

Mariners are further reminded that large whales, including Blue, Gray, Humpback, and Fin whales, as well as other marine mammals, have been sighted in and around the Channel Islands, both within the TSS established in the Santa Barbara Channel as well as in the area south of the Channel Islands. These whales are all protected under federal law and some are listed as endangered species. Please report any collisions with whales or any observed live, injured, or dead whales, including time and position, to the National Oceanographic and Atmospheric Administration (NOAA) at 877-SOS-WHALE (877-767-9425) or the Coast Guard.

Recreational and Fishing Vessels

The area to the south of the Channel Islands is also used by both commercial fishing vessels and recreational vessels, whose operators may not be aware of the new voluntary western traffic lanes or that ship traffic has recently increased in this area.

Questions

Questions relating to the voluntary western traffic lanes should be directed to the LA/LB HSC Secretary at (310) 832-6411.

NOTIFICATION OF VESSEL OPERATIONS

Date: March 15, 2011

To: U.S. Coast Guard, Marine Safety Group
Attn: BM2 Guy Langman
1001 Seaside Ave., Bldg 20
San Pedro, CA 90731
(310) 521-3867

From: LA Deepening Constructors
772 Tuna Street
San Pedro, CA 9023
(310) 521-1300 Phone
(310) 833-5657 Fax

COMMENTS:

The DB Norseman will continue demolition operations at the Southwest Marine. **Please be aware of the submerged piles in the Southwest Marine Construction Zone.**

The rig uses channels 65 and 67. The rig starts working at 0700 hrs and shuts down at 1530 hrs. Attached is a graphic outlining the Southwest Marine Construction Zone.

For questions, please call Jim Davis at (562) 822-1367

The following contacts may be called in case of emergency:

Kris Ahrens,	Field Engineer	(562) 577-0735
Jim Davis,	Project Manager	(562) 822-1367

The DB Vulcan along with the tugboat Jeffrey and the scows Southport and Rockport will continue dredging in the East Basin. The tugboat Jeffrey will tow hopper barges, Southport and Rockport, from the East Basin to the Cabrillo Shallow Water Habitat Construction Zone frequently during this operation. The DB Vulcan will work a continuous 24 hr shift.

The rigs use Channel 67 and monitor channels 66 & 16. The DB Vulcan will be working on electric powered by a cable from the substation at Berth 173 laid at the channel bottom. Attached is a graphic outlining the East Basin Dredge Area and the Cabrillo Shallow Water Habitat Construction Zone.

For questions, please call Brad Hunter at (562) 762-5241

The following contacts may be called in case of emergency:

Brad Hunter,	Project Engineer	(562) 762-5241
Eric Faria,	Dredge Captain	(562) 762-5396
Tim O'Neil,	Field Engineer	(310) 762-5724
	DB Vulcan	(562) 762-5259

Our Nation is still at war. Report suspicious activity to the National Response Center
1-800-424-8802 or USCG MARINE TERMINAL SECURITY 703-313-5800

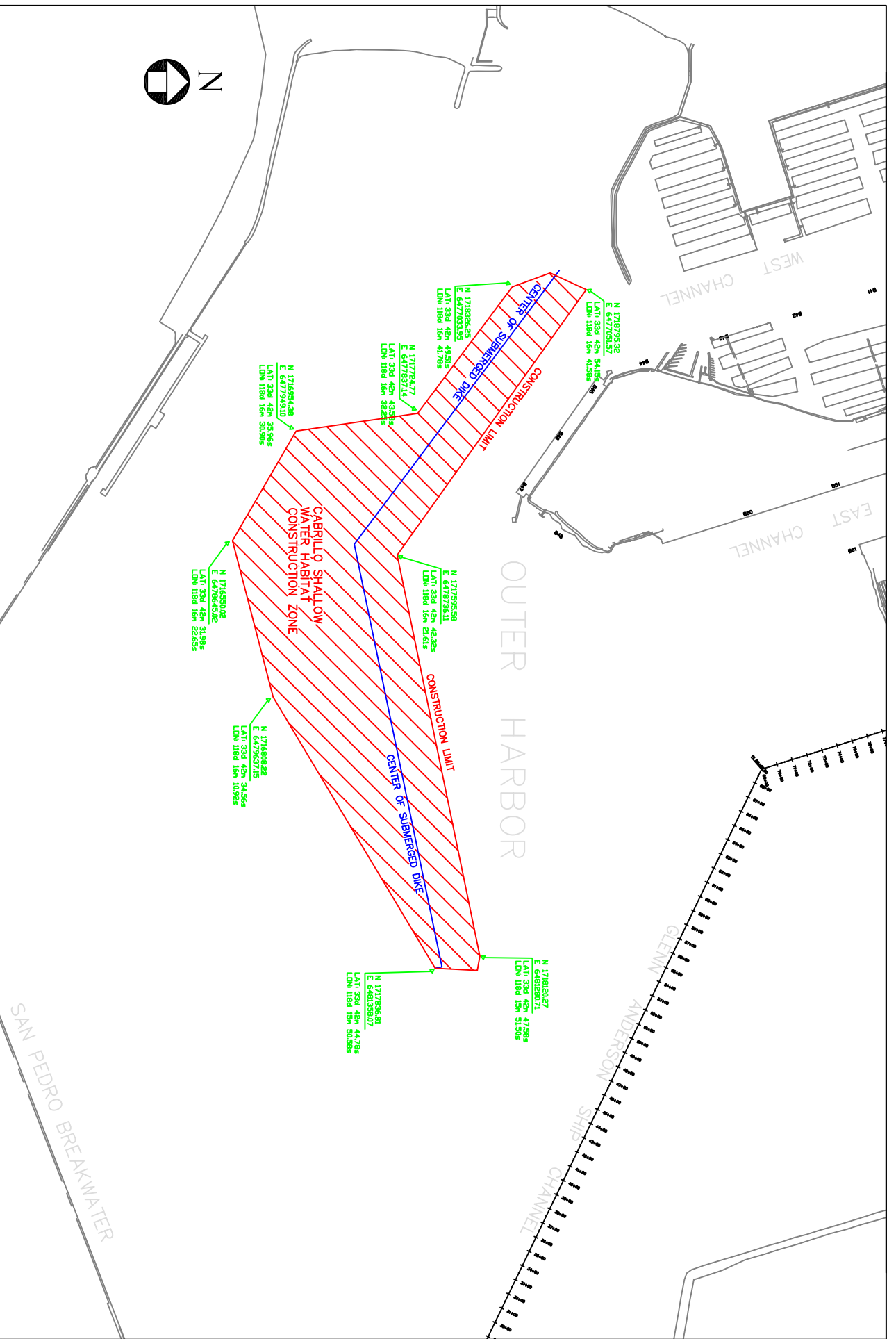
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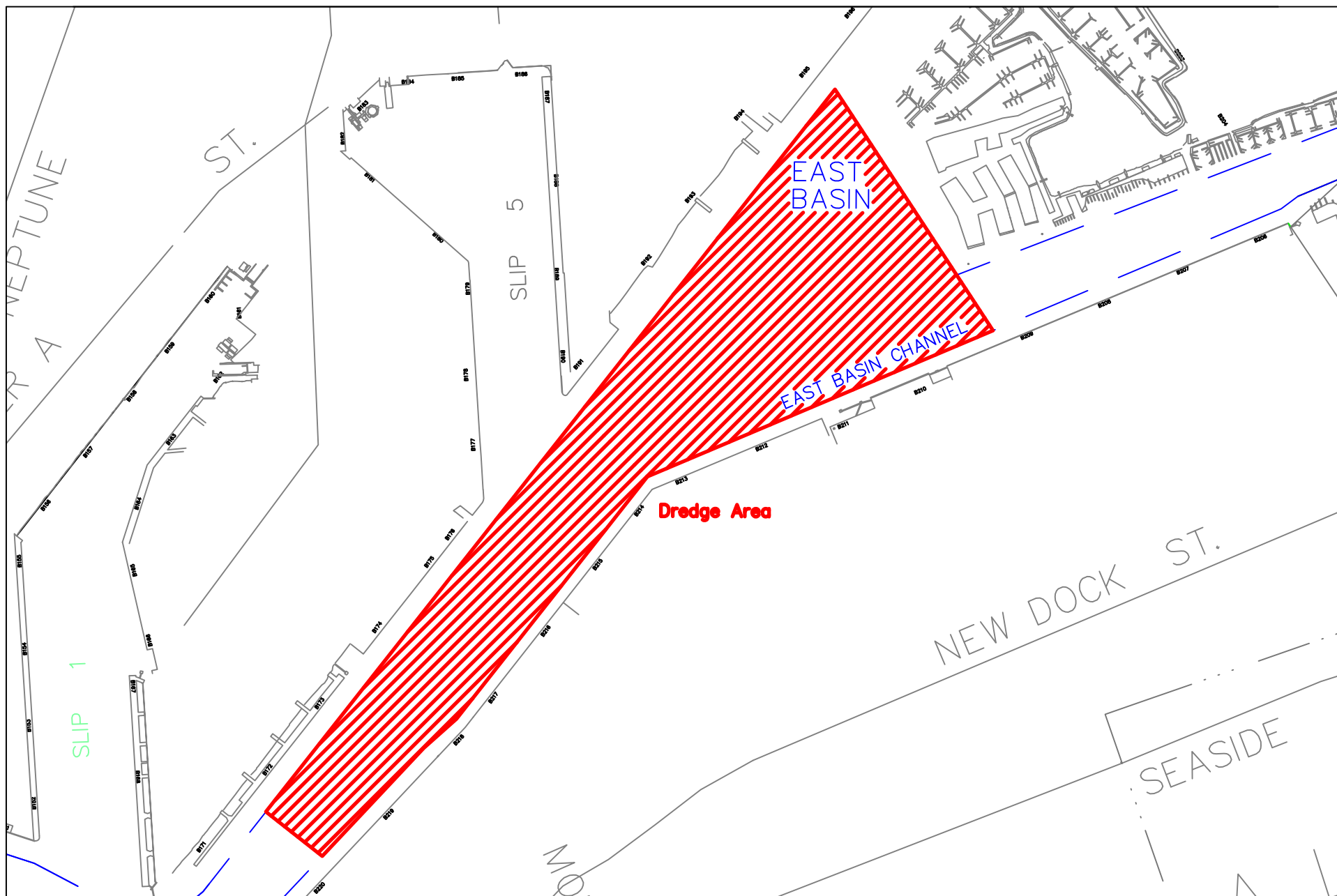
LA DEEPENING:

NOTES:

LA DEEPENING CONSTRUCTORS, a JV

LA DEEPENING CONSTRUCTORS, a JV





SHEET: 1 of 1

PREPARED BY: JB

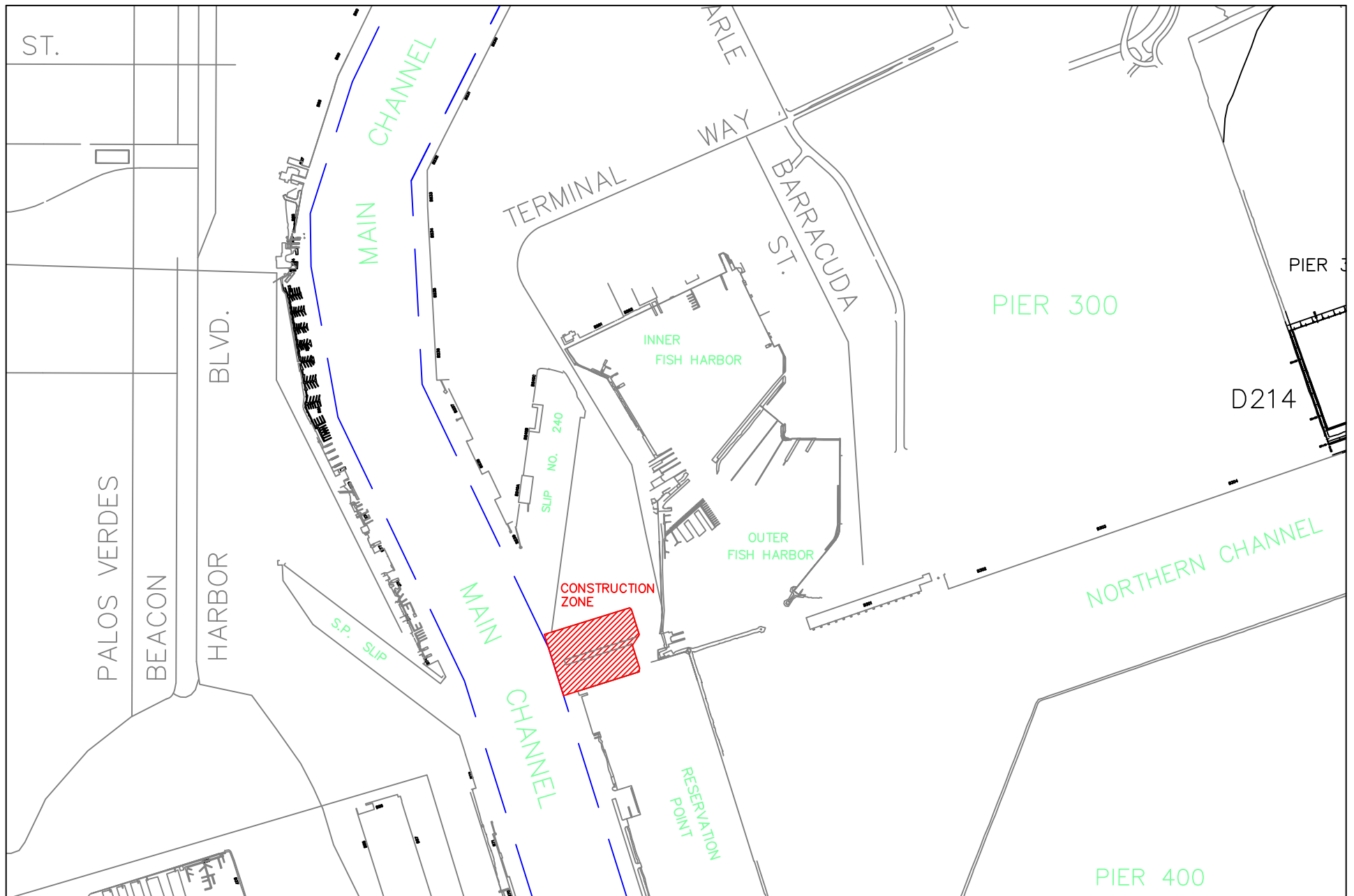
LA DEEPENING:
East Basin Channel
Los Angeles, CA

NOTES:
Dredge area is thatched in red.

LA DEEPENING CONSTRUCTORS, a JV



772 TUNA STREET TERMINAL ISLAND, CA 90731 PHONE: 310.521.1300 FAX: 310.833.6657



SHEET:
1 of 1

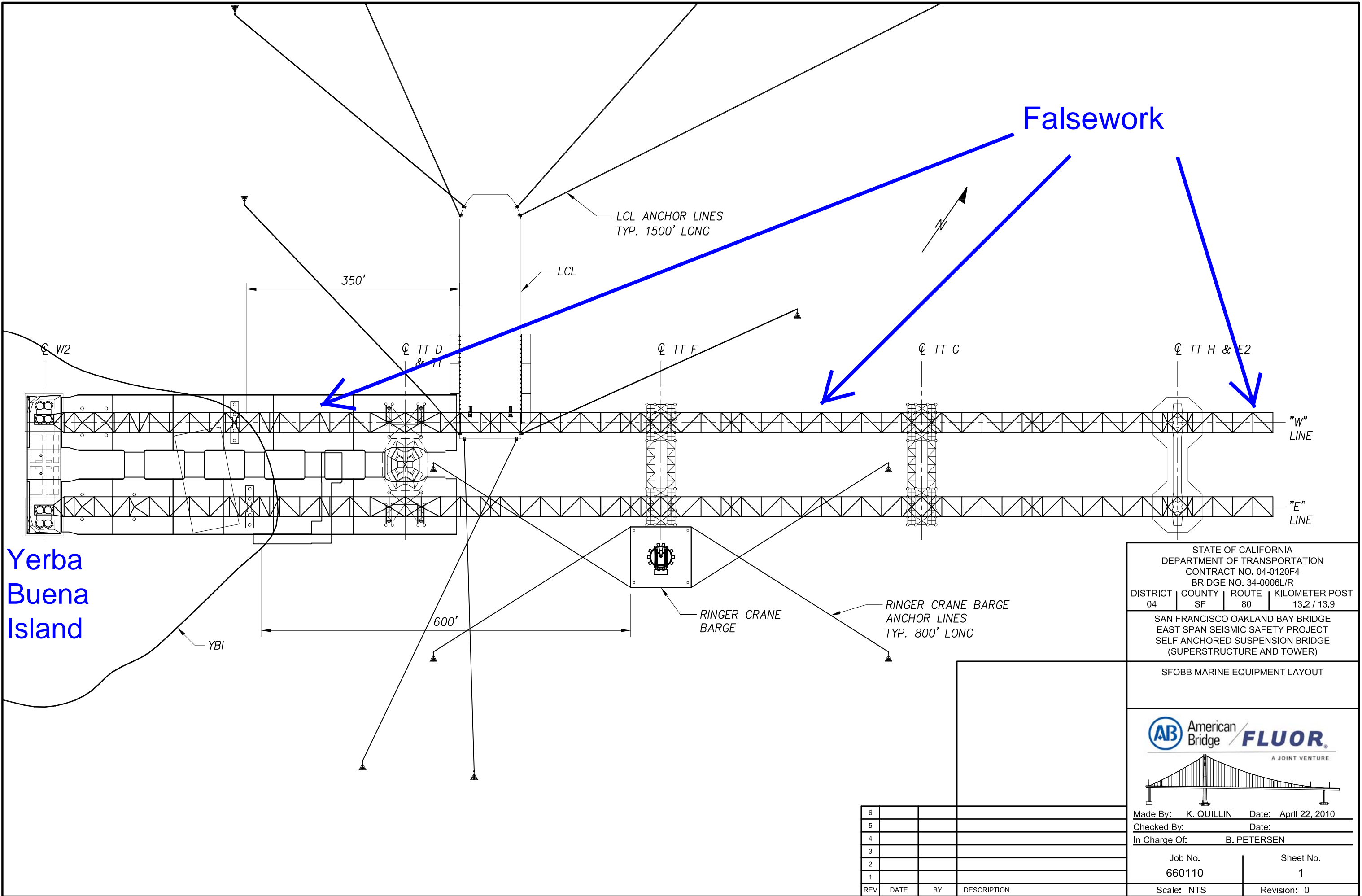
LA DEEPENING:
Southwest Marine
Los Angeles, California

NOTES:
Construction Zone thatched in red.

LA DEEPENING CONSTRUCTORS, a JV



772 TUNA STREET TERMINAL ISLAND, CA 90731 PHONE: 310.521.1300 FAX: 310.833.5657



Yerba Buena Island

Falsework

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
CONTRACT NO. 04-0120F4
BRIDGE NO. 34-0006L/R

DISTRICT 04	COUNTY SF	ROUTE 80	KILOMETER POST 13.2 / 13.9
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SAN FRANCISCO OAKLAND BAY BRIDGE
EAST SPAN SEISMIC SAFETY PROJECT
SELF ANCHORED SUSPENSION BRIDGE
(SUPERSTRUCTURE AND TOWER)

SFOBB MARINE EQUIPMENT LAYOUT

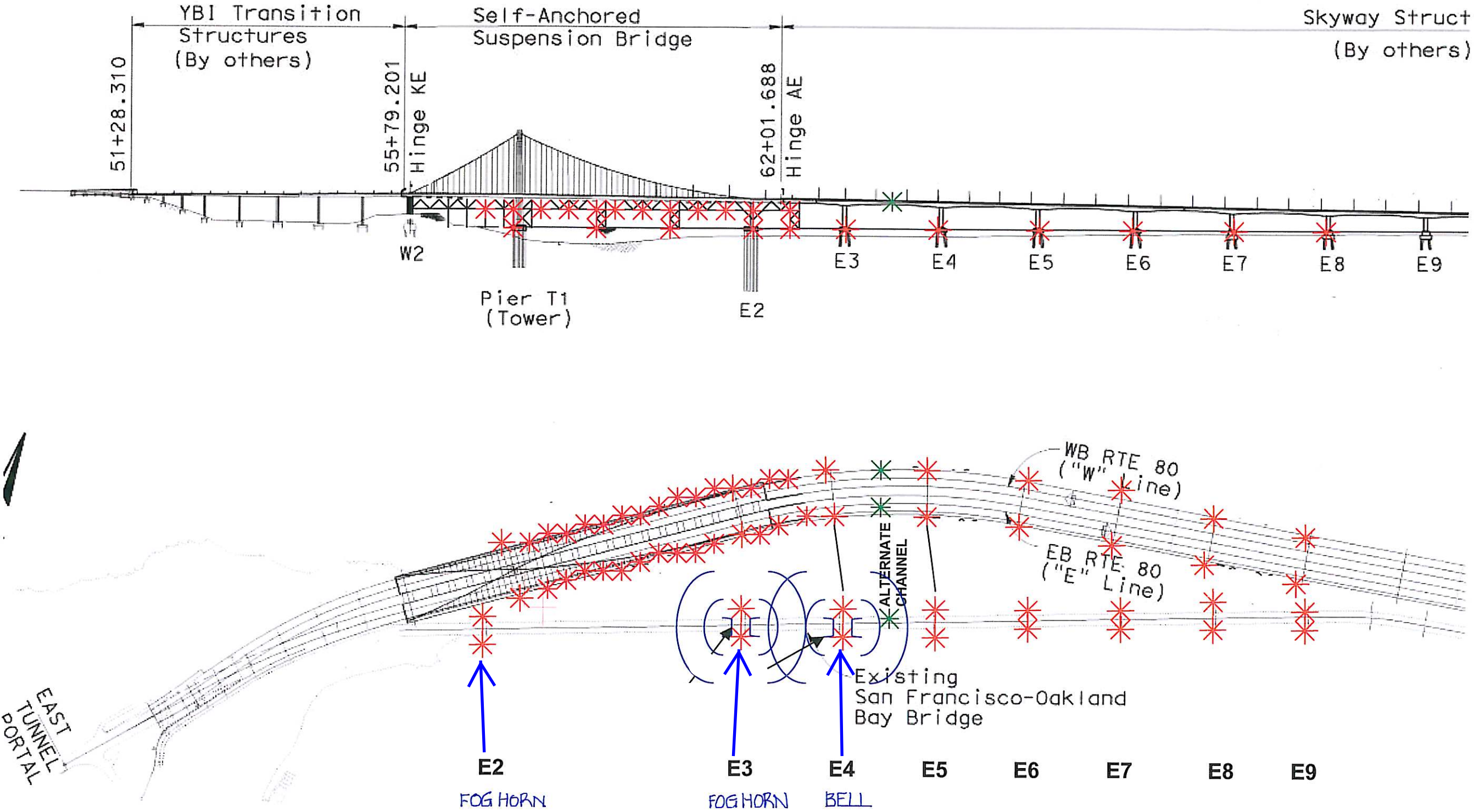
A JOINT VENTURE

Made By: K. QUILLIN Date: April 22, 2010
Checked By: Date:
In Charge Of: B. PETERSEN

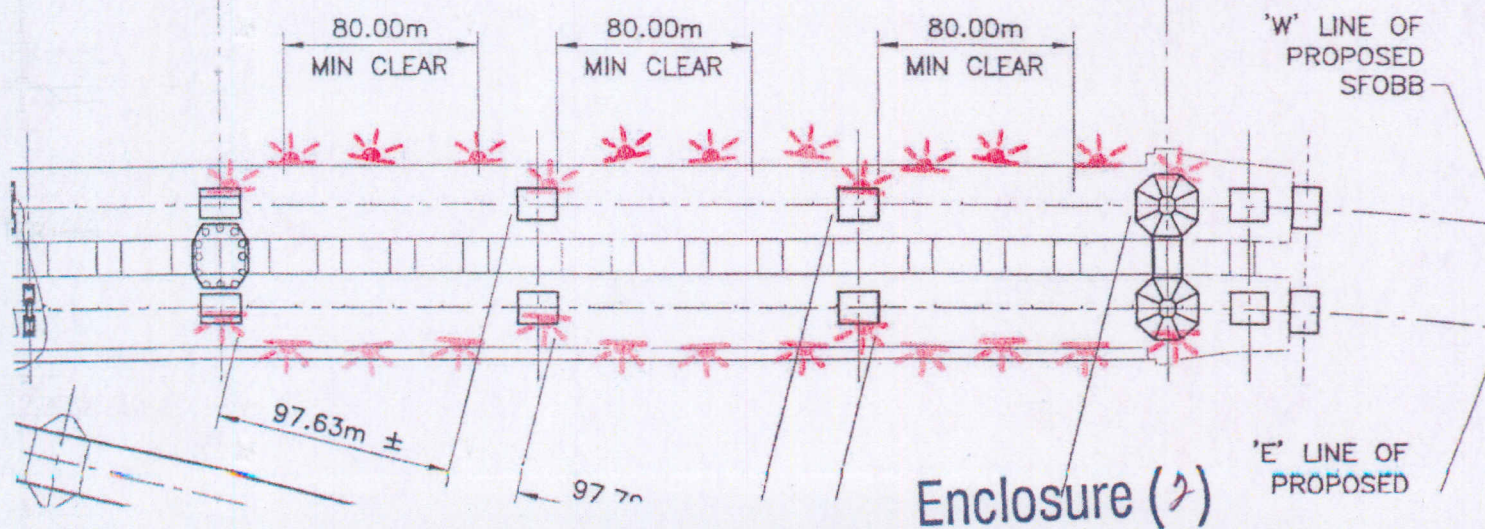
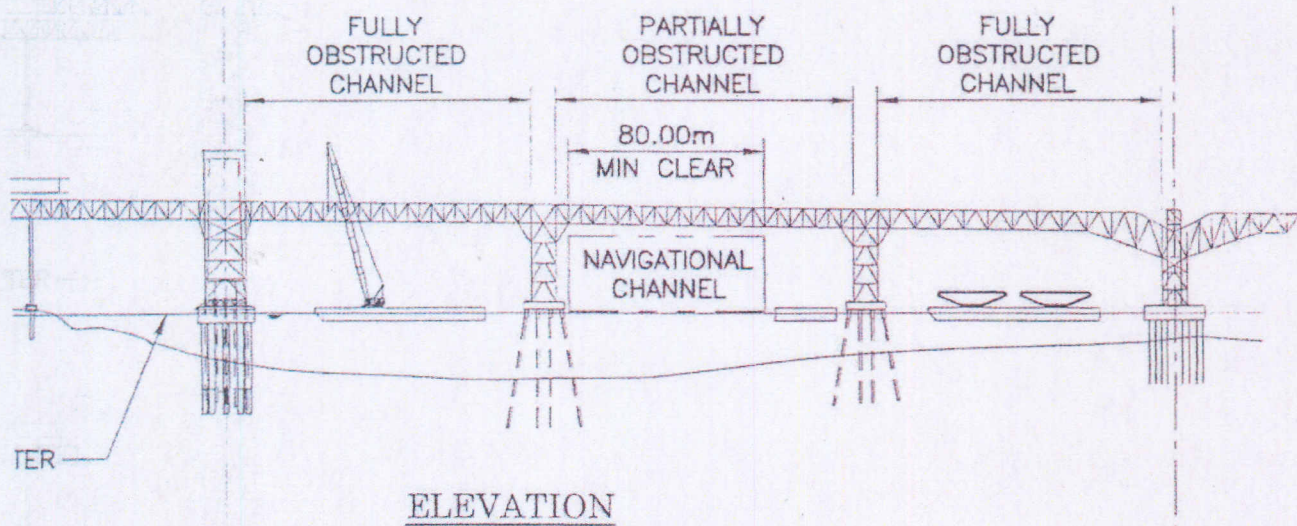
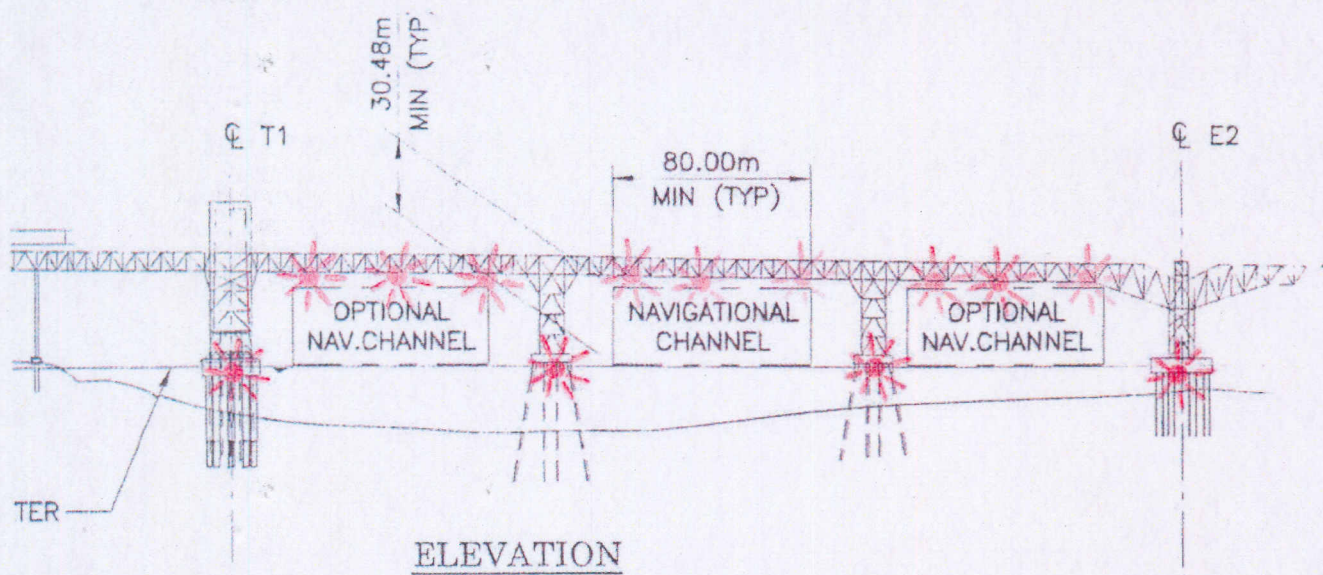
Job No. 660110	Sheet No. 1
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6			
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REV	DATE	BY	DESCRIPTION

CONSTRUCTION NAVIGATION WARNING SYSTEM



RECEIVED 04/21/10





SAFETY ZONE

THE U. S. COAST GUARD CAPTAIN OF THE PORT SAN DIEGO,
CALIFORNIA HAS ESTABLISHED A SAFETY ZONE FOR THE

BLASTING FOR INTAKE #3 AT IN LAKE MEAD, NEVADA, BOULDER CITY, NV.

The Captain of the Port San Diego has established a safety zone for the Lake Mead. A safety zone has been established around the blasting area and construction vessels carrying explosives. The safety zone will encompass all navigable waters within a 1300 foot radius around the construction vessels during transit and while at blast site located at approximately 36°05'23.677501" N, 114°45'59.925819" W. The safety zone will be enforced only during construction operations..

The safety zone will remain in effect from on Saturday, January 1, 2011 through Thursday, June 30, 2011. Persons and vessels are prohibited from entering into, transiting through, or anchoring within the safety zone unless authorized by the Captain of the Port San Diego or his designated representative.

The safety zone that will be enforced intermittently from January 1, 2011 through June 30, 2011.

The safety zone and any required revisions will be broadcast on event dates over VHF Marine Channel 16.

**ANY DIRECTIONS GIVEN BY THE CAPTAIN OF THE PORT SAN DIEGO, LAW
ENFORCEMENT, OR DESIGNATED PATROL CRAFT SHALL BE OBEYED. IN THE
EVENT OF AN EMERGENCY CONTACT COAST GUARD SECTOR SAN DIEGO AT
(619) 278-7033 OR VHF MARINE CHANNEL 16.**

33 CFR PART 165 AUTHORIZES THE COAST GUARD TO ESTABLISH AND ENFORCE SAFETY
ZONES IN REGULATED NAVIGATION AREAS AND LIMITED ACCESS AREAS

***FAILURE TO COMPLY COULD RESULT IN CRIMINAL PENALTIES OF
UP TO \$10,000/10 YEARS***



**U.S. COAST GUARD
REPORT OF DELAY AT DRAWBRIDGE
PER 33 CFR 117.5**

BRIDGE NAME _____ DATE _____

MILE _____ WATERWAY _____

1. Name/ Type of Vessel _____ Direction of Travel _____

2. Vessel Owner (Name) _____

(Address) _____

3. Name of Pilot (if applicable) _____

(Address) _____

4. Time vessel signaled for bridge opening _____

5. Location of vessel when signal was given _____

6. Time and location of vessel when delay began _____

7. Method of signal for bridge opening () Radio () Sound () Visual

(If sound or visual signal was used, specify _____)

8. Time bridge operator acknowledged signal _____

9. Method of bridge operator acknowledgement () Radio () Sound () Visual

(If sound or visual signal was used, specify _____)

10. Did bridge operator acknowledgement indicate the bridge

() Could be opened immediately

() Could not be opened immediately

11. If land traffic crossed the bridge:

Time land traffic started across the bridge _____

Time land traffic stopped crossing the bridge _____

Did land traffic stop on the bridge? _____

Duration land traffic stopped on the bridge _____

12. Time drawbridge opened for navigation _____

14. Additional comments _____

I certify the above information is true to the best of my knowledge and understand this statement may be used by the U.S. Coast Guard in levying fines against the bridge owner.

Signature _____

Telephone _____

Mariners may complete and send via fax or mail to:

USCG D11(dpw) Bridge Administration

Building 50-2

Coast Guard Island

Alameda, CA 94501-5100

Cellular: (510) 219-4366, Work Phone: (510) 437-3516

Work Fax: (510) 437-5836

Mariners are reminded not to require bridge openings for appurtenances nonessential to navigation, per 33 CFR 117.11